connection.php

```
<?php

$con=@mysql_connect("localhost","root","");

return $con;

?>
```

dbconnection.php

```
<?php

$mysql_hostname = "localhost";

$mysql_user = "root";

$mysql_password = "";

$mysql_database = "Book_Sales";

$prefix = "";

$bd = mysql_connect($mysql_hostname, $mysql_user, $mysql_password) or die("Could not connect database");

mysql_select_db($mysql_database, $bd) or die("Could not select database");

?>
```

login.php

```
<?php

	//Start session

	session_start();
```

```
//Connect to mysql server
require "db.php";

//Function to sanitize values received from the form. Prevents SQL injection
function clean($str) {
    $str = @trim($str);
    if(get_magic_quotes_gpc()) {
        $str = stripslashes($str);
    }
    return mysql_real_escape_string($str);
}

//Sanitize the POST values
$login = clean($_POST['user']);
$password = clean($_POST['password']);

//Create query

$qry1="SELECT * FROM users WHERE username='$login' AND password='$password' AND Role='Administrator'";
$result1=mysql_query($qry1);
```

```
    //Check whether the query was successful or not

    if($result1) {

        if(mysql_num_rows($result1) > 0) {

            //Login Successful

            session_regenerate_id();

            $member1 = mysql_fetch_assoc($result);

            mysql_query("UPDATE currentuser SET Email='".
$member1['Email']."', Realname='".$member1['Realname']."',Contact='".
$member1['Contact']."',Address='".$member1['Address']."'");

            session_write_close();


            header("location: admin.php");


            exit();


        }

    }else {

        die("Query failed");

    }




    $qry="SELECT * FROM users WHERE username='$login' AND
password='$password'";

    $result=mysql_query($qry);
    //Check whether the query was successful or not
    if($result) {
        if(mysql_num_rows($result) > 0) {
            //Login Successful
            session_regenerate_id();
            $member = mysql_fetch_assoc($result);
            mysql_query("UPDATE currentuser SET Email='".
$member['Email']."',      Realname='".$member['Realname']."',Contact='".
$member['Contact']."',Address='".$member['Address']."'");
            session_write_close();


            header("location: productsuser.php");


            exit();
        }else {
            //Login failed
            header("location: products.php");
            exit();
        }
    }else {
        die("Query failed");
    }
?>
```

contact.php

SYNOPSIS

The project entitled **“Implementation of MLM system”** is to manage book shops online which are sold through multi level marketing teams. The system will help the users to know automatically when certain book requested by them has arrived once they have registered with the website. The system will also help the users to know the latest books of their interests being introduced into the market like fiction, science, technology etc. The database will be developed with open source software.

The system contains various customized modules for effectively maintaining books and stock information accurately and safely. The system will allow the customers to perform certain activities like login and searching for books. Customers may open an account with the store if they wish including a username and password. In login form users will be authenticated and it is also possible to find whether they are customer or admin through their login information which was entered.

A customer must be logged in before searching for books for purchase. If a user attempts to login with incorrect details, they will be not be redirected to access the application. When a customer search for a book, if the book is available, they will be taken to a page that shows the details of the book including book title, book ID, quantity, price etc. When the book is sold to the customer, stock will be reduced automatically.

When a new purchase is made, stock will be increased automatically. While selecting books for sale, the software will automatically check for total number of available quantity, if the total quantity of that particular item is less, software will notify the user to purchase the particular item. The system will also notify when the item has been sold out fully. Verification will be done during user registration.

When the user id already exists, new id will be generated for storing new user details. There are 3 users. First user is the administrator. Admin is the super user who manages everything, user is the employee in items shop and customer is other user who purchases items. Modules like registration & login, administrator, customer, stock, purchase, return and alert will be developed.

1. INTRODUCTION

The project gives details about the list of orders available and its status to the clients. User has to enter the book code of particular book and total number of items. From these two fields, system will generate a bill of requested amount for that particular book. Apart from this it will also keep track all the items which are available in the shop. Customers can login any time and can view their status of orders at any time.

The project assist in keeping the record of whatever the sales from shop (whole seller), also it keep track of remaining balance which due after selling the book. The billing system will use current system date and time. When the customer chooses cash on delivery mode, delivery will be taken place directly to the specified address.

The user can set the date and time of purchase and can make changes in the amount which will be special feature available in the control panel of this system. Through this project it is possible to maintain the warranty given on particular books along with complete information related to that book. Through the system one can sell books. Sales details can be easily maintained.

The system gives information’s of annual transaction of books, its services, daily sales, daily receipt &balance. Customers can see the systems details before purchasing the particular items & view for our requirement-satisfying item detail. The system supports for daily sale, receipt & balances of books and maintains all information of system related items. The system can be used in book stores.

The system will be very useful for the big book shops as well as for the customers. The system will perform as the required task of automation of book by itself in systematic way. Administrator can make changes in the billing process, such as increase or decrease in service tax value, discount to be given to the customer on particular book. Making changes in billing process as per user requirement or for other business rules.

1.1 SYSTEM SPECIFICATION

1.1.1 HARDWARE CONFIGURATION

Hard Disk	:	200 GB
Keyboard	:	110 Keys
Monitor	:	Sony 16 inch
Mother Board	:	Sony
Mouse	:	Lenovo Mouse
Processor	:	Dual Core
RAM Capacity	:	2 GB

Speed	: 1GHZ
System bus	: 64 bit

1.1.2 SOFTWARE SPECIFICATION

Operating System	: Windows 7 Professional
Server Used	: WAMP server 2.2
Front end coding	: PHP, HTML, CSS
Database	: MySQL

SOFTWARE FEATURES

FRONT END (PHP)

PHP can be used to create web applications ranging from personal websites to e-commerce applications and community web portals i.e. discussion forums, blogs etc. The main advantages of PHP programming include the following:

- Open Source, PHP is completely free.
- PHP can be easily embedded directly into HTML.
- Platform independent can run on Windows Linux or Mac servers.
- Run faster on the internet and easily integrate AJAX, Callback etc.

- Interfaces very easily with Apache/MySQL
- Lots of good books and on-line help.
- It's available with documentation in many languages.
- Easy to learn compared to many other scripting languages. It has a syntax that is easy to parse and is actually rather human-friendly.
- Lots of hosting services have it ready to use, no special configuration.
- Pretty easy to access other web-based tools through PHP i.e. google maps, etc.
- Lots of good source code out there to use and/or learn from, as well as many useful libraries for working with PDFs, graphics, etc.

HTML & CSS

Hyper Text Markup Language (HTML) is the main markup language for creating web pages and other information that can be displayed in a web browser. HTML is written in the form of HTML elements consisting of tags enclosed in angle brackets (like <html>), within the web page content. HTML tags most commonly come in pairs like <h1> and </h1>, although some tags represent empty elements and so are unpaired, for example <img>.

The first tag in a pair is the start tag, and the second tag is the end tag (they are also called opening tags and closing tags). In between these tags web designers can add text, further tags, comments and other types of text-based content. The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages.

The browser does not display the HTML tags, but uses the tags to interpret the content of the page. HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML can embed scripts written in languages such as JavaScript which affect the behavior of HTML web pages.

Web browsers can also refer to Cascading Style Sheets (CSS) to define the appearance and layout of text and other material. The W3C, maintainer of both the HTML and the CSS standards, encourages the use of CSS over explicit presentational HTML. HTML markup consists of several key components, including elements (and their attributes), character-based data types, character references and entity references. Another important component is the document type declaration, which triggers standards mode rendering.

The HTML element is everything between and including the start and end tags. Each tag is enclosed in angle brackets. HTML documents are composed entirely of HTML elements that, in their most general form have three components: a pair of tags, a "start tag" and "end tag"; some attributes within the start tag; and finally, any textual and graphical content between the start and end tags, perhaps including other nested elements. Structural markup describes the purpose of text. For example, <h2>Golf</h2> establishes "Golf" as a second-level heading.

Structural markup does not denote any specific rendering, but most web browsers have default styles for element formatting. Content may be further styled using Cascading Style Sheets (CSS). Presentational markup describes the appearance of the text, regardless of its purpose. Most presentational markup elements have become deprecated under the HTML 4.0 specification in favor of using CSS for styling. Hypertext markup makes parts of a document into links to other documents.

BACK END (MySQL)

MySQL is a database management system (DBMS). A database is a structured collection of data. It might be anything from a simple shopping list to a picture gallery, to the vast amounts of information in a corporate network. To access, manipulate, and process data stored in a database, one need a DBMS. Because computers are very effective at handling large amounts of data, database management plays a central role in computing. A relational database stores data in separate tables rather than putting all the data into one large repository. **MySQL** is the most popular Relational Database Management System.

Benefits of MySQL

Some of its advantages include the following:

- It's easy to use: While a basic knowledge of SQL is required—and most relational databases require the same knowledge—MySQL is very easy to use. With only a few simple SQL statements, one can build and interact with MySQL.
- It's secure: MySQL includes solid data security layers that protect sensitive data from intruders. Rights can be set to allow some or all privileges to individuals. Passwords are encrypted.
- It's inexpensive: MySQL is included for free with NetWare 6.5 and available by free download from MySQL Web site.
- It's fast
- It's scalable: MySQL can handle almost any amount of data, up to as much as 50 million rows or more.
- It manages memory very well: MySQL server has been thoroughly tested to prevent memory leaks.
- It supports Novell Cluster Services

- It supports several development interfaces: Development interfaces include JDBC, ODBC, and scripting (PHP and Perl) and can run across all major platforms, including Linux, UNIX, and Windows.

2. SYSTEM STUDY

2.1 EXISTING SYSTEM

When the stock and book count increases, manipulation of data becomes very difficult. Even though computerized system exists, there are various drawbacks. They are user cannot search books fast when the number of books increases. Primary key fields have been used while designing in order to manage database efficiently and for accessing information efficiently. But stock management is not efficiently done. User can only know when the stock is empty. Prior information about stock is not possible. It also gives the daily order details from the customer, service reports which are mainly used for the maintenance of the orders.

2.1.1 Drawbacks

- Customers can be able to rate the books. But based on the feedback offered by the customers, the items should be maintained with large quantity but it is not possible with the currently available systems
- Customers cannot reserve the books when it is not available, customers can only purchase the items when it is available.
- There is no prior indication about stock reduction.

- On making each sale to customer, the system not displays the remaining items automatically.
- System does not highlight the low stock items with an alert.
- Concession is not given to the customers for frequently sold books.

2.2 PROPOSED SYSTEM

Under generated bill section, user have to make entry in the field of particular author and its serial number after which it will display the brand name of the books, its cost price and service tax. Then total amount will be generated for total number of books along with the address details of the seller. This system will also include the name, address and mobile number of the customer. Each bill will have a unique number generated by the system automatically.

The system will also help the vendor to keep track of number of books available and time of purchase. Proposed system is planned to be implemented for “Book reservation”. Hence the proposed software is planned as user friendly and less time consuming software. Current order status can be viewed by users. Customer can also rate the books through the system. Feedback will be registered and maintained.

2.2.1 FEATURES

The proposed system is intended to overcome the drawbacks of existing system.

- Customers can order and purchase items from anywhere and anytime
- Items can be purchased either by directly visiting shop or through cash on delivery option
- Proposed system also maintains feedback offered by the customers.
- Based on the customers feedback required quantity of books can be kept in shop
- Hence the best books or user referred items can be kept in large quantity where customers can make use of it.
- When the user views required item, then the user can reserve the item, so that other users will not be able to take it.
- If the item is available customers can place order and can purchase, if there is no stock customer can reserve the item
- If any books whose total stock will be less than 2 will be displayed in red color zone indicating it’s time to purchase that book.
- Customer can easily sell their books easily through this website.

3. SYSTEM DESIGN AND DEVELOPMENT

3.1 FILE DESIGN

SQL files can be directly imported into WAMP server for creating tables. Queries for table creation and insertion can be written on to the notepad and can be stored in the .sql extension. PHP files can be stored in .php extension.

Home.php

Home.php file displays information about the system. The file has options for new user registration and login.

Admin.php

Admin.php file is designed for getting values of the administrator. Administrator authentication will be done through this page. The page is designed with the columns like admin user id and admin password.

Registration.php

Registration.php file is used to manage new user registrations.

Login.php

Login.php file is designed for authenticating users before accessing the system

Book.php

Book.php file is used to manage book details like book id, name, author and cost.

Customerhome.php

Customer home page is designed with menu options like profile, orders, cart and cancellation. When the customer selects profile option their profile details can be managed. When the order option is chosen customer can view book items and can order their require book items. Cart option displays the orders placed by the customer

Order.php

Order.php file is used to manage order details like order date, customer_id, cost etc. Book id column is designed using combo box.

Customer id column is retrieved while logging in, so customer username column is not separately designed in order.php file. Remaining columns have been designed with the text box.

Feedback.php

Feedback.php file is used to get the customer feedback about book. Customer should login and after login they can choose the desired book for providing feedback. For selecting the details of book, book id column is designed as a combo box. Feedback column is designed with multi line textbox.

Cancellation.php

Cancellation details are managed through this page. Previous orders of the customer can be viewed by selecting cart button. If the customer wants to cancel the placed order, they can simply select their order and can cancel it.

Customer.sql

When Customer.sql file is executed, customer table will be created. It is used to store customer details like name, customer user name, mobile number, address, state and email address. Customer file is used in various modules. It is used for storing new customers as well as for updating the customer’s details. The file is very useful for maintaining customers.

Book.sql

The book.sql file also has queries for creating book table. It is used to store book details like book id, name, description of book, author name and charge.

Order.sql

The Order.sql file contains queries for creating order table and feedback table. It is used to store order details like order date, delivery date, feedback for the selected book item, total amount etc.

3.2 INPUT DESIGN

In the input design, user's inputs will be given to the system through keyboard. For getting inputs from the user, forms will be designed in the project. When the user enters details through keyboard, the input will be transferred to the system in computer understandable binary digital format. First input form, which will be designed in the project, is welcome page. In welcome page, system will display the options which can be chosen by the user.

User can select the desired option as an input or can enter the desired value as an input. Inputs given in the system are summarized modules wise. When the registration menu is selected by the user, registration page will be displayed to the user. In the registration form, user has to input their basic details like name, place, phone number, desired username, password etc. After completion of registration process user can login and can view purchase options which will be displayed in their corresponding home page.

When the user selects view book option, books will be displayed to the user. Among the displayed books, user can select the desired book for buying as an input to the system. Admin can maintain the supplier details while inserting. For managing stock of the specific supplier, supplier details can be requested. Sales details are requested by entering sales code. In purchase form, user can input the cost and shipping options to the system. Shipping options and address can be entered for door delivery.

3.3 OUTPUT DESIGN

Outputs from computer systems are required primarily to communicate the results of processing to users. They are also used to provide a permanent copy of the results for later consultation. In the next stage it is to be decided that which medium is the most appropriate for the output. As the outputs are the most important source of information to the user, better design should improve the system's relation and also should help in decision-making.

Output screens are Admin screen, Employee screen, Customer screen, Welcome screen, Login screen, Book details screen, Stock details screen Purchase details screen, Enquiry screen, Sales screen, Feedback screen and Reports. Some of the reports generated through book shop application are Purchase report, Sales report and Stock report.

3.4 DATABASE DESIGN

Database design and its uses are as follows. Database is designed with 5 tables. Each table has primary key as well as some table has foreign key.

Admin_login table

In the table al_username is designed with primary key and al_pass column is designed with not null constraint.

Customer table

Database has a primary key called "cus_id" in the customer_reg table. Customer number field in the database design has been assigned primary key, so the values to be stored in the customer number i.e. cus_id field should be unique. The system has unique customer entries since it has unique cus_id field. Customer entries won't be duplicated and the single customer can have the updated details accurately and efficiently. Thereby the customer can get the desired service properly without any delay or errors.

Book table

The table named “book” has unique primary key field called book_id. The ebook_id field eliminates duplication of book details in the book table. The primary key has been assigned for the column order_id in the table order for maintaining unique details of the books.

Order table

Order table refers cust_id from customer_reg table and book_id form book table as a foreign key.

Feedback table

Feedback table has feedback_id as primary key and cus_id as foreign key which is referred from the table “Customer_reg”. For the required columns in the table not null constraints have been applied. For optional columns no constraints have been designed in the tables.

3.5 SYSTEM DEVELOPMENT

3.5.1 DESCRIPTION OF MODULES

The project can be divided into seven major modules

- Administrator Module
- Stock Module
- Customer Module
- Purchase Module
- Feedback Module
- Alert Module

Administrator Module

In the Administrator Module, the administrator can maintain the stock of the books of the book shop. Thus the administrator can add book details, delete specific book details or modify specific book details, maintain stock, monitor sales done by the customer and purchase from dealers for shop.

Stock Module

When a new purchase is made, stock will be increased automatically. This module is used for checking total number of available stock of that particular item, if the total stock of that particular item is less than 5, software will notify the user to purchase the particular item. When the user tries to sale items which are not in stock, the system will prompt the user that the stock is not enough.

Customer Module

Customers can register to the software and can create an account. This module allows the customers to perform certain activities like login and searching for books. Customers may open an account with the store if they wish including a username and password. In login form users are authenticated and it is also possible to find whether they are customer or admin through their login information which was entered.

Normal users are not allowed to access the administrator module. In the Customer Module, a customer can login and visit the application. Search for a book according to book title. Search for books according to author name. Search for a book according to publication. Customers can select any books for purchase. Customers can purchase the selected books easily and can give the list to administrator later for billing. Whenever a new book is updated in the software, system will notify the customers through message.

Purchase Module

A customer must be logged in before searching for books for purchase. If a user attempts to login with incorrect details, they will not be redirected to access the application. When a customer search for a book, if the stock of the book is available, they will be taken to a page that shows the details of the book including book title, book ID, quantity, price etc in order for sale.

Feedback Module

When the books delivered from the supplier have any defect, those books can be returned to the supplier by providing feedback. Positive feedbacks can also be registered to the system through this module.

Alert Module

When the customer tries to order an item which is not available system will display out of stock message and also the system will alert the dealers about the stock. Customers can reserve the books when it is not available. Regular book updates will be sent to the customers through this module.

```
        </td>

  </tr>

</table>

         <div class="cleaner_with_height">&nbsp;</div>

       </div>

       <!-- end of ocntent left -->

       <div id="content_right">


         <div class="templatemo_right_section">
```

```
    <h4>Categories</h4>
    <div class="templatemo_right_section_content">
      <ul>
        <li><a href="#">Advanced Technology</a></li>
        <li><a href="#">Comics</a></li>
        <li><a href="#">Fiction</a></li>
        <li><a href="#">Hardware</a></li>
        <li><a href="#">Programming</a></li>
        <li><a href="#">Academic</a></li>
        <li><a href="#">Story</a></li>
        <li><a href="#">Literature</a></li>
        <li><a href="#">Motivational</a></li>
        <li><a href="#">Others</a></li>
      </ul>
    </div>
  </div>
  <div class="templatemo_right_section">
    <h4><br>
    </h4>
    <div class="templatemo_right_section_content">&nbsp; <br>
    </div>
  </div>
</div>
```

```
        <!-- end of content right-->

        <div class="cleaner">&nbsp;</div>

      </div>



  </body>

</html>
```